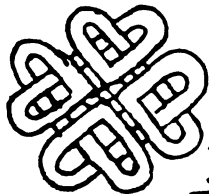




THE YEAR OF
COMMUNICATIONS



PHILMONT
MOBILE RADIO CLUB



THE *Blurb*



JULY 1983

W3RQZ • W3TKQ • W3QV



NOW.. AS MUCH
AS EVER.. WE NEED THE
SPIRIT !

VOLUME XXXIII

THE BLURB is published monthly by and for the members of THE PHIL-MONT MOBILE RADIO CLUB, INC. Our purpose is to promote Amateur Radio in general and Mobile Radio in particular. Copying and quoting, with a credit line, is permitted. We gladly exchange publications with other clubs and should be addressed to the Editor. THE BLURB subscriptions are available to non-members at \$6.00 per year, and should be sent to the Treasurer.

DEADLINE - To be assured of current publication, all copy must be in the hands of The Editor by the 12th of the month, but in no case later than the Directors' Meeting.

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Trustee: C. R. Spencer II, W3BBB
W3TKQ The Franklin Institute, Phila., PA 19103
Trustee: R. E. Madera, W3PWG

Every Sunday - 9:30 a.m., 147.63/.03, FM
10:00 a.m., 29.000MHz. SSB
10:00 a.m., 29.493MHz. AM
10:20 a.m., 3.993MHz. SSB
10:30 a.m., 3.610MHz. CW

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KC2HX(A) W3SRU(A) W3UY(A)

THE PHIL-MONT MOBILE RADIO CLUB, INC.
meets on the first Monday of each month
(2nd Monday in Sept. only) at 8:00 p.m. in the
Franklin Institute, 21st & Ben Franklin Pkwy.

ALL VISITORS ARE WELCOME

Club Nets are conducted weekly.

Every Tuesday - 8:00 p.m., 147.63/03, code
practice is conducted, all
are welcome.

Sam's CORNER

ARNIE... KC2HX, SAILS
FOR CONVENTION OF MEDICS
PSYCOS AND VARIED AND
SUNDRIE WITCH DOCTORS.
TO EXCHANGE IDEAS
ON WINDING, AND UNWINDING
A PATIENT.



T H E P R E Z S E Z - - -

On Saturday and Sunday June 25 & 26 Philmont participated in Field Day. W3TKQ was once again pressed into service from The Franklin Institute and performed perfectly. Many contacts were made utilizing both the Drake and Collins equipment. The new Drake RTTY station also was used to gain many points. Many Philmonters participated in the exercise, but the credit for the entire operation goes to N3ADI, WB3KAC, and W3PWG, who planned and carried out the entire operation and were present for all 24 hours of operation. Also in attendance were KA3AMO - W3AWH - N3AXJ - WB3CMM - W3GIF - K3GYK - AK2I - W3IRS - KB3IV - N3JM - WB3KOH - WB3KOJ - W3LKI - K3PHC.

I would like to thank all those who participated and hope to see many more members come out next year.

73,
ef KB3IV

JUNE 1983 -- GENERAL MEETING

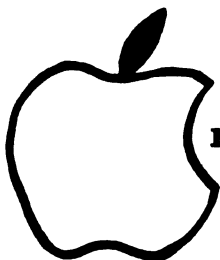
KB3IV opened the 403rd General Meeting at 8:10 P.M. on Monday, June 6th. Minutes of the May Directors' Meeting were read and approved. W3IIN gave the Treasurer's Report (The blond is starting to spend) Jinny presented Mike Fox (WB3HTE) his Certificate of Membership - N3ADI urged everyone to write to their Representative (write or he might kiss you on the cheek) in support of PA House Bill #49 and to their Senators, regarding the companion Senate Bill #783, which was introduced due to the efforts of N3ALW. - KC2HX reported that the meeting was attended by 49 members and 15 1/2 guests. - W3IIM noted the following coming events: Arnie's Annual Bath (8/20), (I can get you a good deal on boat ride tickets) Clambake (9/10), Old Timer's Night (to be announced) and the possibility of a Tubing Party. Jack also requested that anyone having Phil-Mont Memorabilia (That's old stuff) contact him. - KB3IV announced that, due to the holiday, the July General Meeting will be held on Monday, July 11. Ed then turned the meeting over to W3AWH who gave a brief report on W3TKQ and chaired the computer meeting, with the assistance of several club members. (Special thanks to those who brought their equipment: W3AWH, W3UY, WB3FPU, N3ALW, KI3J, W3IIM & N3SE - Larry Souder of CHI)

JUNE 1983 -- DIRECTORS' MEETING (Taken by W3IIN - Written by WB3KOJ)

The June 1983 Directors' Meeting, held at The Ardmore White House, on June 15th, was called to order by KB3IV at 8:09 P.M. The meeting was attended by: W3's UQ, AA, (our long-lost Director finally shows up) GQD, IIM, IIN, BBB, GIF, SRU, AWG, IRS, SGR, ZPP, GNM, DSG, N3ADI, K3KUD, N2RM and W2GMA (That's two meetings in a row for Mel). Minutes of the June General Meeting were omitted because the Secretary was absent. W3IIN gave the financial report which was approved. (We took in very little and she spent a lot) - N3ADI reported on the lack of DX & urged support for Senate Bill #783. - W3SRU read a letter from the U of P thanking us for our help during their marathon. Gil also reported that he has not had any contact from ARRL regarding Special Service Club Status. (Better check your Baltimore mail box) Gil said that he has been contacted by the BRATS (and E.T.) regarding possible use of MOCOM at their Hamfest on July 31. He has volunteered to drive and be responsible for the vehicle. More details will be provided. (i.e. Flow charts of miles traveled, gas used, contacts made enroute) W3BBB reported that PaddleRama plans are under control and he will be contacting those concerned with information. Jim also stated that he is working on signs for MOCOM (Would you believe he's thinking about them?) - W3IIM reminded the group that KC2HX's Bath will be held on August 20th. (Boat ride tickets are going fast) W3AWH has again offered to host the pre-bath bath for those who wish to arrive early. Jack also reported that the Clambake is scheduled for Sept. 10th in Reading. Delmont and Reading Radio Clubs will be contacted and asked to participate. Jack announced a "Tubing on the Delaware" party, tentatively planned for 7/30 or 8/6. Further details will appear in the Blurbs. A Big Band night is being planned for the fall. - W3IIN renewed her suggestion for Club Tee Shirts. After some discussion about size, the Board authorized the purchase of 50 shirts with appropriate Phil-Mont design - ED Adjourned the meeting at 9:15. Thanks to John for the refreshments and his hospitality.

Respectfully Submitted
Don Gordon - WB3KOJ

July '83



BYTES FROM THE APPLE

JULY BIRTHDAYS

03-Edith Grace (XYL-W3HXY)
04-Marion Blum (XYL-N3AXJ)
-Samuel Moskowitz-K3RTR
05-John Christopher-KI3J
Mary Hutchins (XYL-KA3GUL)
06-Robert Brangan-K3NYL
-Edna McVaugh (XYL-W3LEM)
07-Donna Fox (XYL-WB3HTE)
10-Natalie Gordon-WB3KOH
-Louis Rulli-WB2WOM
11-Ellen Hoch (XYL-KA3AMO)
12-Miriam Elmaleh (XYL-K3HIJ)
-Grace Smith (XYL-K3GBA)

14-Lawrence Clifford-W3UY
15-Ruth Dormire (XYL-WA3BAL)
20-David Anderson-WA2RDC
-Irwin Miller-K3KNH
24-Peggy Snyder (XYL-W2HSA)
25-Virginia Haring-W3IIN
26-Stanley Bennett-WA3UAL
-Judith Pyle-KA3EMR
27-Helen Beamon (XYL-W3BFM)
28-Frankie Gilpin (XYL-W3SRU)
31-Stephen Hoch-KA3AMO
-John Stucka-N3JM
**** HAPPY BIRTHDAY TO ALL ****

I'M SURE YOU REMEMBERED, BUT...HAL FOX, YOUR "AA" EXPIRES THIS MONTH!

HAVE YOU MOVED, GOTTEN MARRIED, CHANGED YOUR PHONE NUMBER, RENEWED YOUR LICENSE OR ARRL MEMBERSHIP? IF SO, PLEASE LET ME KNOW ABOUT THE CHANGE; BY PHONE, BY MAIL OR ON THE AIR -DE WB3KOJ

Sams OTHER CORNER

WOODY(W3PST) YE OLDE EDITOR'S
NATURAL RESISTANCE TO ANY
FOREIGN PRESENCE, LED TO
A "NEAR MISS..." MEETING
WITH "HIS MAKER"...DURING
HIS JUNE EPISODE IN A
HOSPITAL FOR A REPAIR
JOB.



HOW WOULD YOU LIKE TO HAVE YOUR OWN "PRIVATE LINE" ?

Product review by Jack Haring - W3IIM

Repeaters are wonderful creations - you're always in touch with what's going on -- sort of like a "party-line". Have you noticed though, how the repeater begins to intrude into other aspects of your day - how long ragchews that are not of interest to you really become an annoyance to you, and how you mentally turn them off, or more likely actually turn the rig off?

Once it reaches this point you now tend to become less active in the repeater group and, more particularly, less available by radio when someone wants, or needs, to reach you.

While trying to develop a solution to this problem I came across an advertisement for the SPEEDCALL model 312-K touch tone decoder kit which appeared to be the answer to my dilemma. After building the kit and using it for some months now, I am able to give it an A+ report. It is exactly what I was searching for. It allows me to monitor when I choose. However, when I wish for quiet, I can still be reached by anyone who knows how.

The kit comes with a 33 page instruction manual which is very comprehensive and compares favorably with the well respected Heathkit manuals. The circuitry is designed around the ITT 3201 DTMF decoder chip (which requires no external tuning components) and a custom designed logic array chip which contains all of the sequencing and control logic. The kit goes together in a few hours and provides everything you need except a reset push button (which is an optional extra - along with a buzzer and a case) and a relay if desired. Only one adjustment is required for which you will need a voltmeter. The only connections required are 13.8 VDC, ground, and audio obtained from the high side of your volume control.

In its most basic form you may use the unit to activate a buzzer when someone sends your specific touch-tone code over the repeater. The code may be any three to eight digits of the 16 possible touch-tone codes. I have chosen to use the last four digits of my telephone number as my code because that number is available to all club members via the membership roster.

In my configuration I also interrupt the speaker connection with a relay (Radio Shack #275-213) which may be driven directly by the circuitry in the kit. Thus, when my code is sent I receive a buzz (actually a Sonalert beep) and my speaker automatically becomes active too! If, however, I am not near the receiver at the time, the buzzer (and a LED) will let me know that someone called while I was away.

There are many possible uses for this unit, especially in an active, emergency-services oriented, repeater group. The unit also has the capabilities of "group call" and "all call" modes, and as such can be a time saver in an actual emergency or in general, club related, calls. A code can be defined which will even reset a call if it was placed in error, or if the need for the call no longer exists.

In the six months that I've used this unit it's been in use almost constantly and has never falsed. It is particularly handy in homes, like ours, with more than one amateur operator.

Advertisements for the kits were last seen in March '83 QST and Feb. '83 73-magazine. Price? a very reasonable \$89.00 complete, including shipping. For further info. call Speedcall Corp. 415-783-5611.

P H I L - M O N T ' S C A L E N D A R F O R J U L Y

- 04 1st Monday, BUT NO MEETING! and the same thing will happen in two(2) months on LABOR DAY. Anyway, have a HAPPY FOURTH! and we'll see you the Fifth(with a fifth, if you'd like.)
- 10 2m NCS - our own prolific preacher of polish parentage, AK2I
- 11 NOW, we'll have our Regular Meeting at the Franklin Institute.
- 17 2m NCS - this day you get the Boss, W3ZPP
- 20 B of D's Meeting at the QTH of our stoopendous Secretary, WB3KOJ
- 24 2m NCS - Stan the Man, N3AVE
- 25 BLURB folding in the Greater Northeast
- 31 2m NCS - the Boss Fixer, W3BPB (if somebody wakes him up in time) and the following day will be our Regular August Meeting

Also, on the 31st, BRATS will hold their annual Maryland Hamfest 15 miles west of Baltimore, MD Talk-in 146.16/.76, 147.63/03, 146.52 & 29.54/29.64. For more info, write BRATS, P.O.Box 5915, Baltimore, MD 21208

* * * * *

Who's for "toobin' down the Delaware?" The final date 30 July or 06 August is to be decided by the membership present at the next (11 July 83) regular meeting.

The Clambake(boy, has our Activities Chairman, W3IIM, been busy) is scheduled for 10 Sept in Reading(much to D\$G's disgust) and we're looking for soft hotshot softball players, more details later.

Oh, we didn't forget about AUGUST, no, in deedeey! We just wanted it to be the last thing on the sheet so you can tear off this portion and mail it to our/your host/ess's. By now, you should all know where it is, with all the boating and swimming and stuff, right, down at Long Beach Island somewhere. What Arnie, KC2HX and company would like to know is - - - -

WHO _____ and how many _____ are coming? and so that everyone doesn't bring tons of cole slaw or chawklut cake,

WHAT are you(or capable of) bringing? _____

Send the above to Arnie, KC2HX(his address is in your directory)(I'm not going to print it here for obvious reasons) More details later!

SOPHISTICATED REPEATER

One of the most sophisticated repeaters in the U.S. is located on Blue Knob at an elevation of 3100 feet one hundred miles west of Harrisburg. It is computer controlled with special functions accessible to members of the organization. You will recognize it at 147.75/15 by its male and female (ed. ?) synthesized identifier. A free emergency service to Turnpike motorists is available in the coverage area from Blue Mountain double tunnels to near Pittsburgh. Should you need assistance (repair, police or ambulance) punch up 911 and wait while a rural telephone system takes its time connecting you with the Turnpike dispatcher. Do not access with the * as no dial tone is involved. Be sure to knock it down with the # and the computer will announce the call is completed, having automatically recorded the purpose, time and date.

(from Harrisburg RAC Newsletter)

✓ FCC will back repeater coordinators in disputes with renegade repeaters -- that is the message contained in a letter from FCC Chief, Private Radio Bureau James C. McKinney to Steve Mendelsohn, WA2DHF, President of the Tri-State Amateur Repeater Council (NYC). The Council has had a long running dispute with one club that has attempted to put an uncoordinated repeater on frequencies occupied by two nearby coordinated repeaters.

It appears the operators of the renegade repeater may be cited for not observing good amateur practices. If they persist, they will be cited for deliberate and malicious interference. In these disputes, FCC will rely on nationally promulgated bandplans, coordination records and correspondence and, absent any other official documentation, The ARRL Repeater Directory.

In an interview yesterday, Mendelsohn said the council is still negotiating with the renegade group. Apparently, they've attempted to get around the rules by moving their operation half-way between two standard channels! Now, according to Mendelsohn, they are interfering with four repeaters instead of two!

CURRENT USA THIRD-PARTY TRAFFIC AGREEMENTS LIST

Have you been asked to pass on a message or make a phone patch? Remember: third party traffic via amateur radio is illegal with many countries. The following countries allow such traffic.

Argentina	Haiti
Bolivia	Honduras
Brasil	Israel
Canada	Jamaica
Chile	Jordan
Columbia	Liberia
Costa Rica	Mexico
Cuba	Nicaragua
Dominican Republic	Panama
Ecuador	Paraguay
El Salvador	Peru
The Gambia	Switz (4U1ITU)
Ghana	Trinidad & Tob
Guatemala	Uruguay
Guyana	Venezuela

Above this line is from the
Keystone State Ham News, and

below is from the ARRL
NEWSLETTER

The National Communications System (NCS) (see QST, September 1982, p. 81) and the ARRL have established a Memorandum of Understanding. NCS Deputy Manager John G. Grimes and ARRL President Victor C. Clark, W4KFC, signed the agreement on June 2. The Board of Directors authorized President Clark to enter into the agreement at Minute 63 of the 1983 Annual Meeting. The NCS is an alliance of government agencies established to ensure that reliable communications are maintained during emergencies. This includes the establishment of emergency communications during nuclear attack.

The NCS recognizes that the ARRL is the principal organization of U.S. radio amateurs, and because of its organized emergency communications systems, training and resources, can be of valuable assistance to government agencies during a communications crisis.

W5YI REPORT

REPORT & ORDER ISSUED ON ELIMINATION OF LOGGING

Section 97.103 (Station Log Requirements) and Section 97.105 (Retention of Logs) have been deleted and removed from Part 97. All routine logging has been eliminated including notation of Third Party traffic sent and received. While the ARRL said that the current requirement for a specific notation of international third party traffic should be retained in the regulations, the FCC said that there was no Commission need for this. "Self-regulation as it exists in the amateur community would eliminate any continued unintentional deviation from international treaty requirements," the Commission noted. "As to willful violations, we will retain logging requirements on a case-by-case basis through the EIC's."

A new Section 97.92 has been added to Part 97 as follows: "When deemed necessary by the Engineer-in-Charge (EIC) of a Commission field facility to assure compliance with the rules of this part, a station licensee shall maintain a record of station operations containing such items of information as the EIC may require... to resolve conditions of interference or deficient technical operation."

REPEATER/AUXILIARY/REMOTE-CONTROLLED AMATEUR STATION RECORDS NECESSARY

Paragraph (g) is being added to the bottom of Section 97.85 as follows:

(g) Each station in repeater operation transmitting with an effective radiated power greater than 100 watts on frequencies between 29.5 and 420 MHz, or 400 watts on frequencies between 420 and 1215 MHz, shall have the following information included in the station records during any period of operation:

- (1.) The location of the station transmitting antenna marked upon a topographic map having contour intervals and having a scale of 1:250,000.
- (2.) The transmitting antenna height above average terrain.
- (3.) The effective radiated power in the horizontal plane for the main lobe of antenna pattern, calculated for the maximum transmitter output power which occurs during operation;
- (4.) The maximum output power which occurs during operations;
- (5.) The loss in the transmission line between the transmitter and the antenna (including devices such as duplexers, cavities or circulators), expressed in decibels; and
- (6.) The relative gain in the horizontal plane of the transmitting antenna."

New Section 97.90 is being added to the rules which requires "When a station has one or more associated stations, that is stations in repeater or auxiliary operation, a system network diagram shall be included in the station records during any period of operation." The FCC said that this diagram should show each linked repeater/auxiliary station and its relationship to the other stations in the network and to the control point(s).

Paragraph (f) of Part 97.88 indicates the necessary records for remotely controlled stations:

- (1.) The names, addresses, and call signs of all persons authorized by the station licensee to be control operators; and
- (2.) A functional block diagram of the control link and a technical explanation sufficient to describe its operation.

The new rules concerning elimination of logging and repeater/auxiliary/remote-control amateur station records go into immediate effect upon publishing in the Federal Register - (about June 20.)

SHOP 'n' SCHLEP de W 3 B e e b B e e b B e e b

For Sale- Rohn FK 2548, used foldover tower, dlvr'd within 50 miles \$350.00

Atto - Dayton 3.5 kw emergency generator, 120/240 volts 400.00

Contact - Jim Spencer, W3BBB (215) 362-5172

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18925

W3IIM
R

JACK & JINNY HARING
2113 EDGEHILL DRIVE
FURLONG PA



Next Meeting - Monday, 11 July

"What's New?"

New
Equipment

New

Show 'n' Tell - Rules

New
Techniques